

3. (Thrice Amended) The laser microassembly of Claim 1 wherein the micro-actuator is coupled to the reflective element to cause angular movement of the reflective element.

02 4. (Twice Amended) The laser microassembly of Claim 1, wherein the electromechanical micro-actuator provides sufficient angular movement of such element to permit selection of a single wavelength from a range of wavelengths extending over approximately 40 nanometers.

5. (Twice Amended) The laser microassembly of Claim 1, wherein the angular movement occurs about a virtual pivot point.

6. (Twice Amended) The laser microassembly of Claim 1, wherein the angular movement comprises a translation and a rotation.

7. (Thrice Amended) The laser microassembly of Claim 1, wherein the micro-actuator comprises a micro-machined actuator.

12. (Twice Amended) The laser microassembly of Claim 10, wherein the micro-actuator is a rotatable micro-actuator.

03 13. (Twice Amended) A tunable laser comprising source means for providing a light along an optical path with any wavelength selected from a bandwidth of wavelengths, a diffractive element positioned in the optical path and spaced from the source by a first distance to redirect the light, a reflective element positioned in the optical path and spaced from the diffractive element by a second distance to receive the redirected light from the diffractive element and to redirect the light back towards the diffractive element, the light being redirected by the diffractive element back towards the source, and an electrically-driven micro-actuator for selecting the wavelength from the bandwidth of wavelengths by altering the optical path of the light between the diffractive element and the reflective element, the micro-actuator including a substrate and at least one rotary comb drive carried by the substrate.

04 16. (Four Times Amended) A method for using a tunable single mode laser microassembly to provide light with any wavelength selected from a range of wavelengths, comprising the steps of providing the light along an optical path, providing a diffractive element in the optical path to diffract the light, providing a reflective element in the optical path to reflect the light and selecting a single wavelength of light by altering the optical path of the light by means of a micro-actuator coupled to the reflective element for causing angular movement of the reflective element.